

INTERNATIONAL SEARCH REPORT

International Application No.

/EP 03/13336

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H01P1/18 H01P1/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H01P H03C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	G. HADJICOSTAS ET AL.: "OPTICALLY CONTROLLED MILLIMETER WAVE PHASE SHIFTER IN A METALLIC WAVEGUIDE" 1987 IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM - DIGEST, vol. 2, 9 - 11 June 1987, pages 657-660, XP002268833 LAS VEGAS (US) page 657, right-hand column, line 3-17 page 658, left-hand column, line 8 -right-hand column, line 14; figures 1,4	7
A	US 2 856 589 A (BENJAMIN KAZAN) 14 October 1958 (1958-10-14) column 2, line 15 -column 3, line 30; figures 1,2 --- -/--	1,5,6



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

3 February 2004

Date of mailing of the international search report

19/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 263 570 A (DE FONZO ALFRED P ET AL) 21 April 1981 (1981-04-21) cited in the application column 3, line 3-35; figure 3 -----	1,7

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2856589	A	14-10-1958	NONE	
US 4263570	A	21-04-1981	NONE	